T0660Z0" BT+T0660

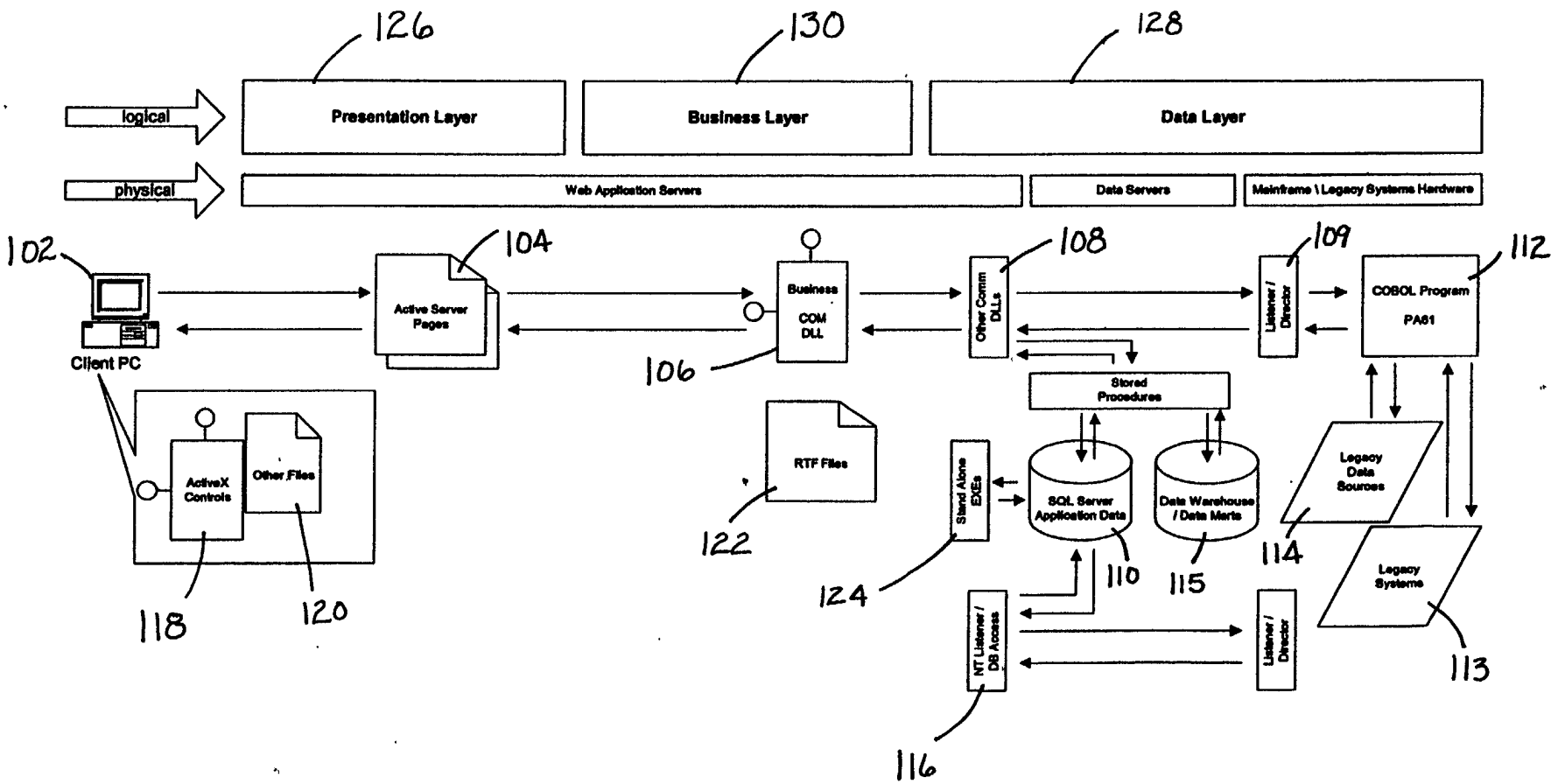

Fig 1

T0680 20" 8T+T0660

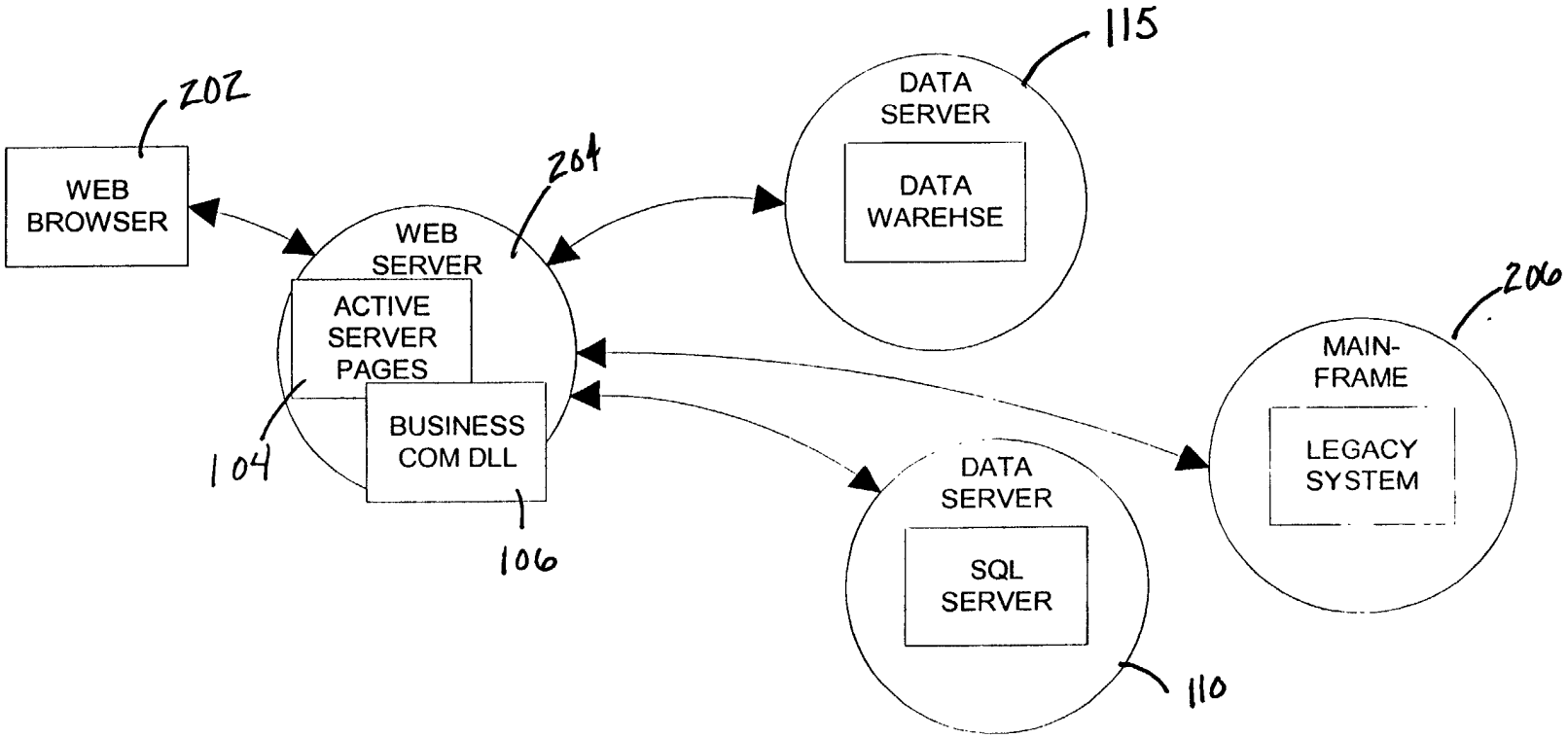

Fig 2

T0660"20" BT+T0660

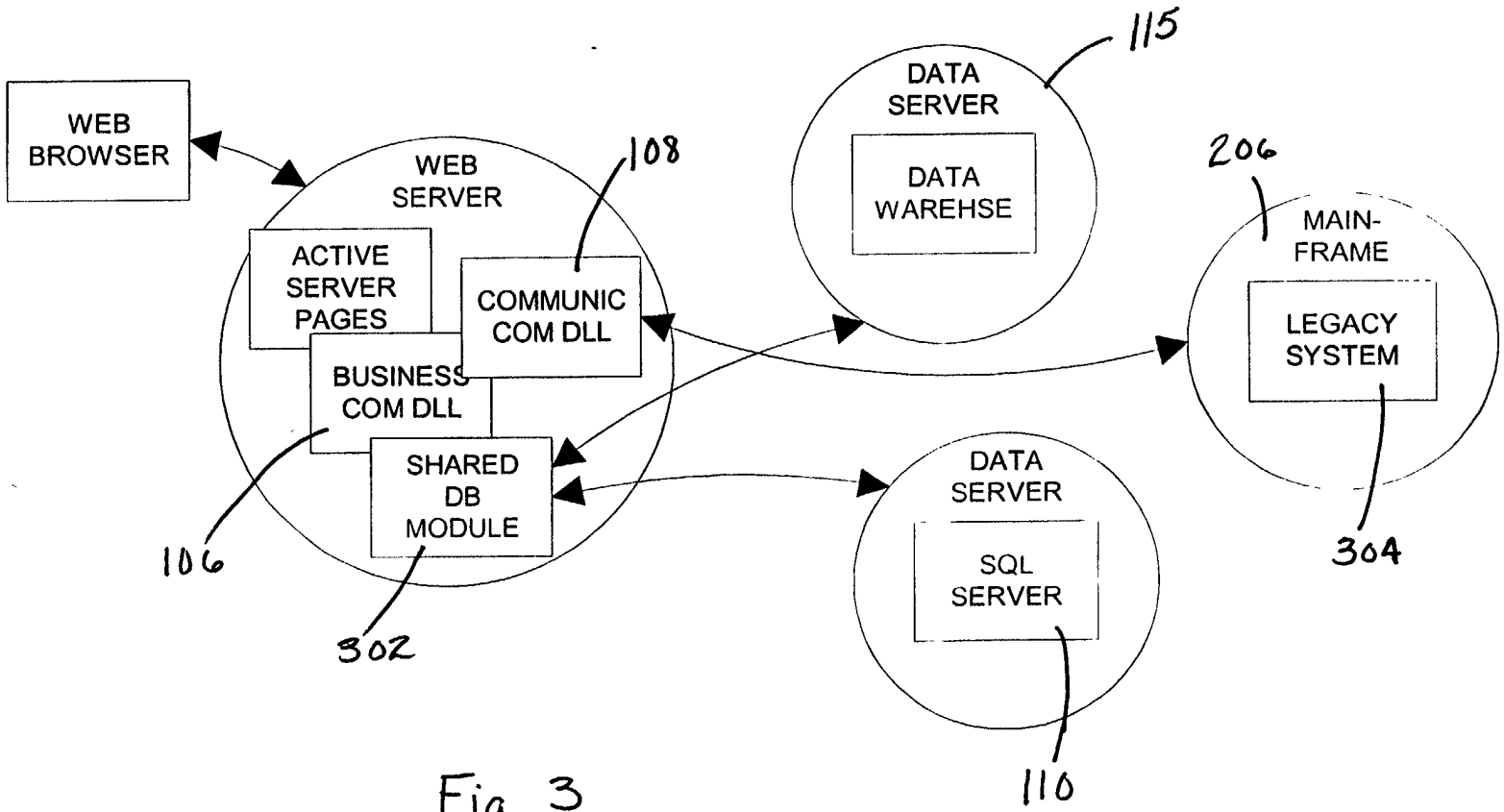

Fig 3

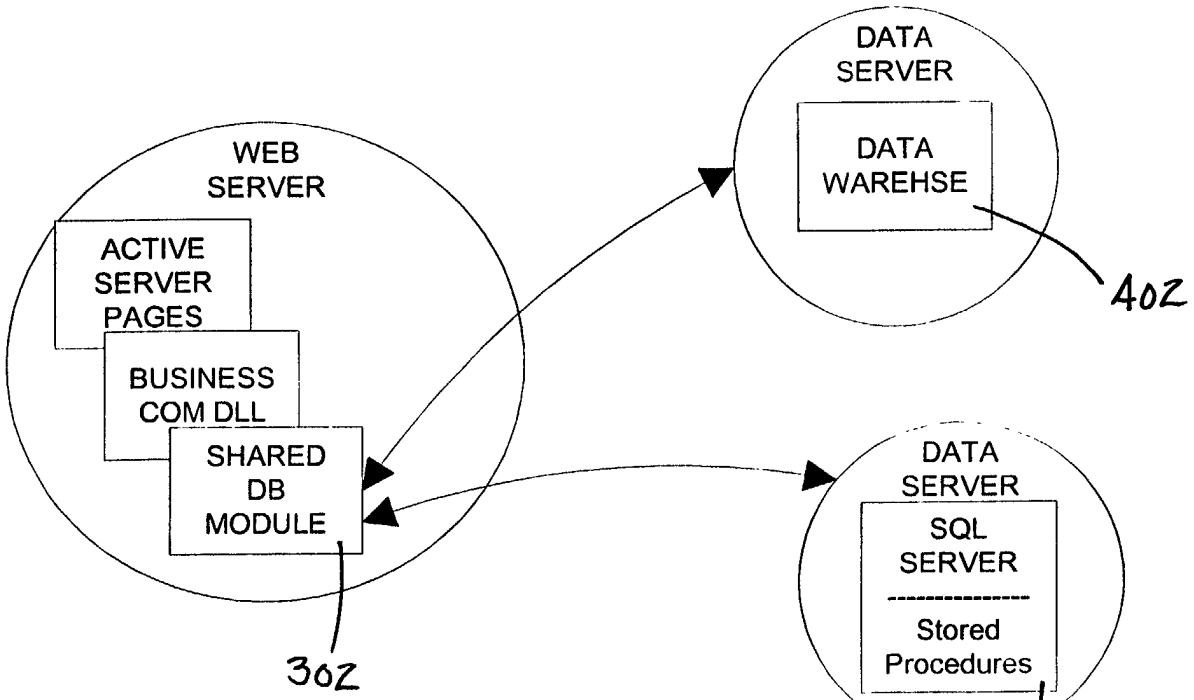
DATA
SERVER
DATA
WAREHSE
40Z
WEB
SERVER
ACTIVE
SERVER
PAGES
BUSINESS
COM DLL
SHARED
DB
MODULE
30Z
DATA
SERVER
SQL
SERVER
Stored
Procedures
404

Fig 4

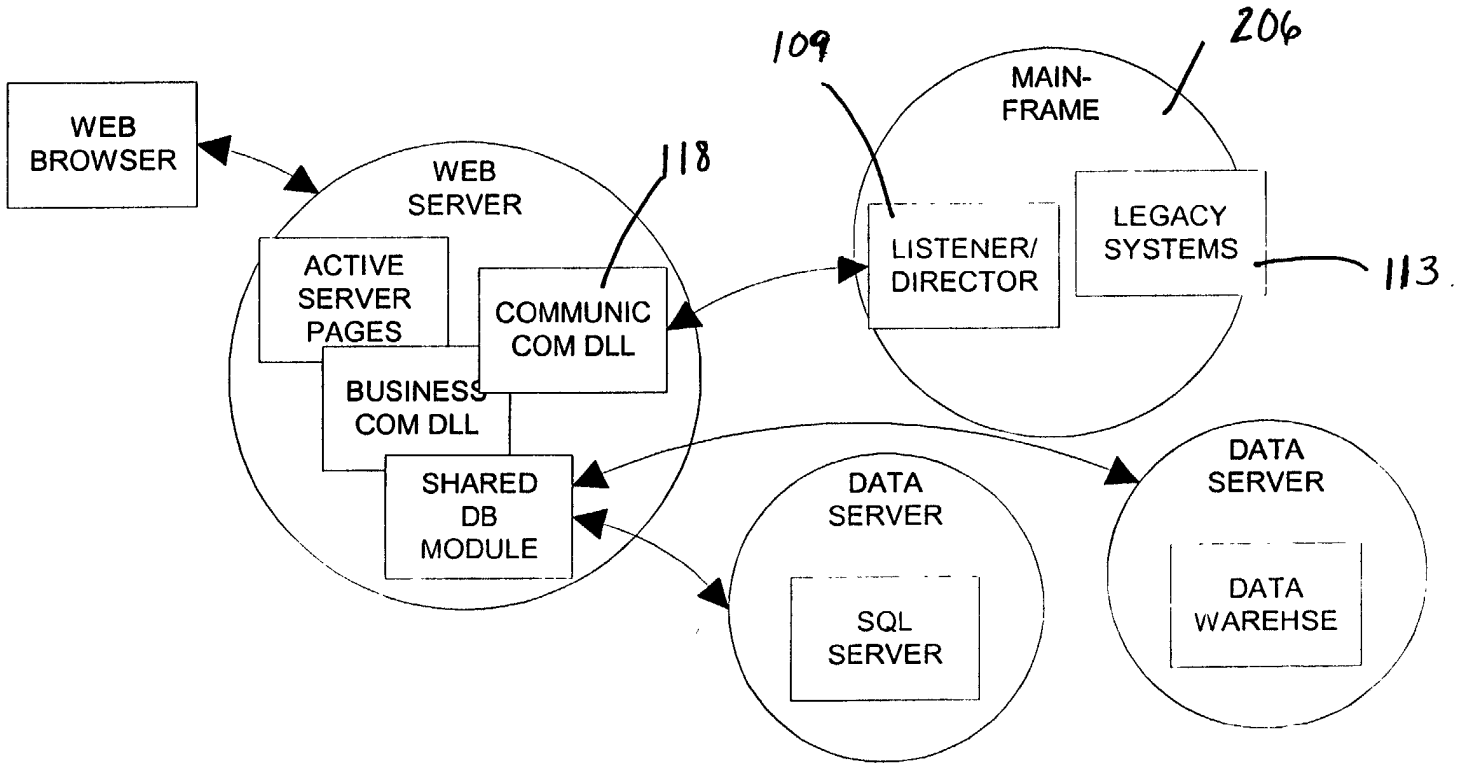
WEB BROWSER
WEB SERVER
118
ACTIVE SERVER PAGES
COMMUNIC COM DLL
BUSINESS COM DLL
SHARED DB MODULE
109
206
MAIN-FRAME
LISTENER/ DIRECTOR
LEGACY SYSTEMS
113
DATA SERVER
SQL SERVER
DATA SERVER
DATA WAREHSE

Fig 5

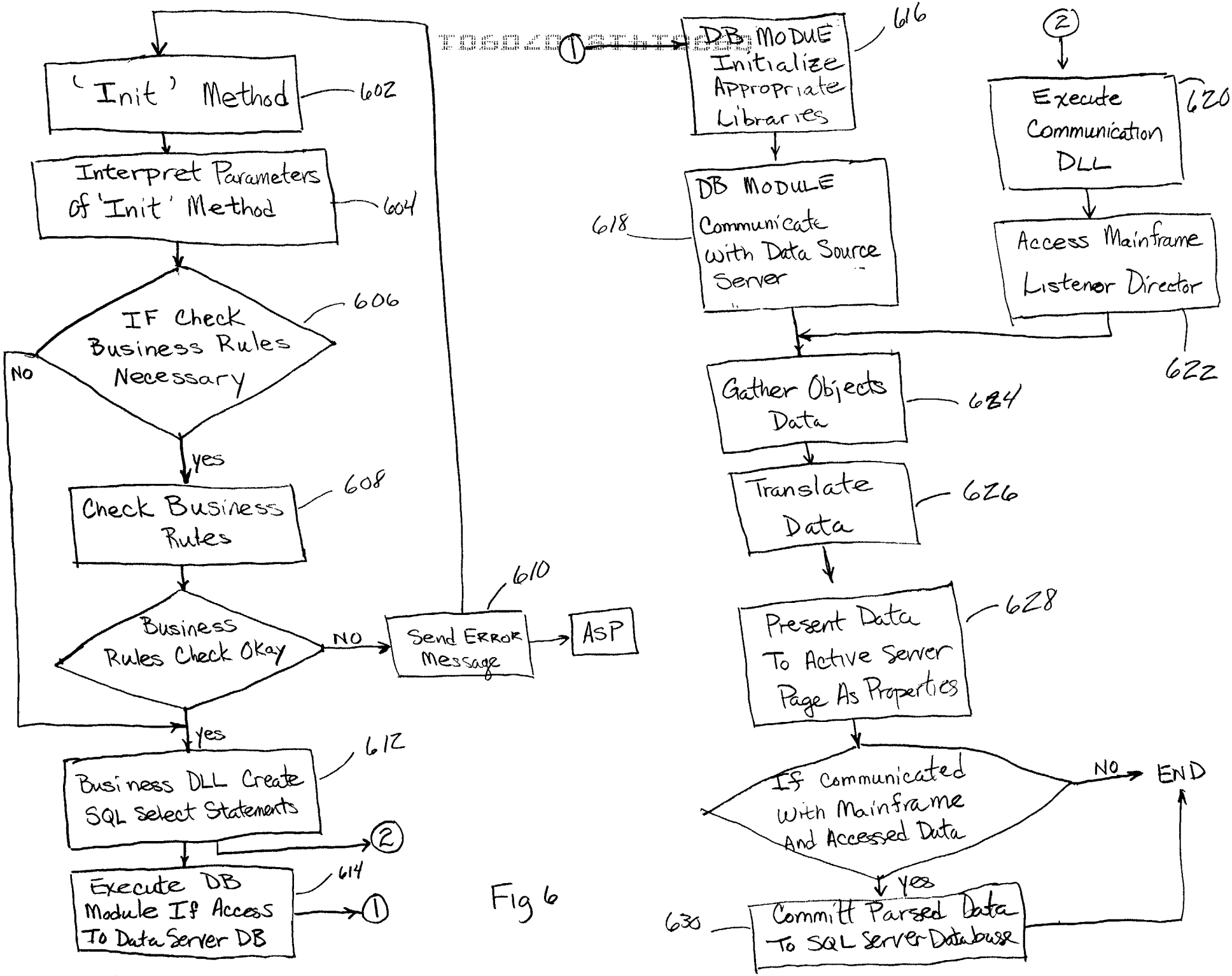
'Init' Method
602
Interpret Parameters of 'Init' Method
604
IF Check Business Rules Necessary
606
NO
yes
Check Business Rules
608
Business Rules Check Okay
NO
Send Error Message
610
ASP
yes
Business DLL Create SQL select Statements
612
2
Execute DB Module If Access To Data Server DB
614
1
1
DB Module Initialize Appropriate Libraries
616
DB Module Communicate with Data Source Server
618
2
Execute Communication DLL
620
Access Mainframe Listener Director
622
Gather Objects Data
624
Translate Data
626
Present Data To Active Server Page As Properties
628
If Communicated With Mainframe And Accessed Data
NO
END
yes
630
Commit Parsed Data To SQL Server Database

Fig 6

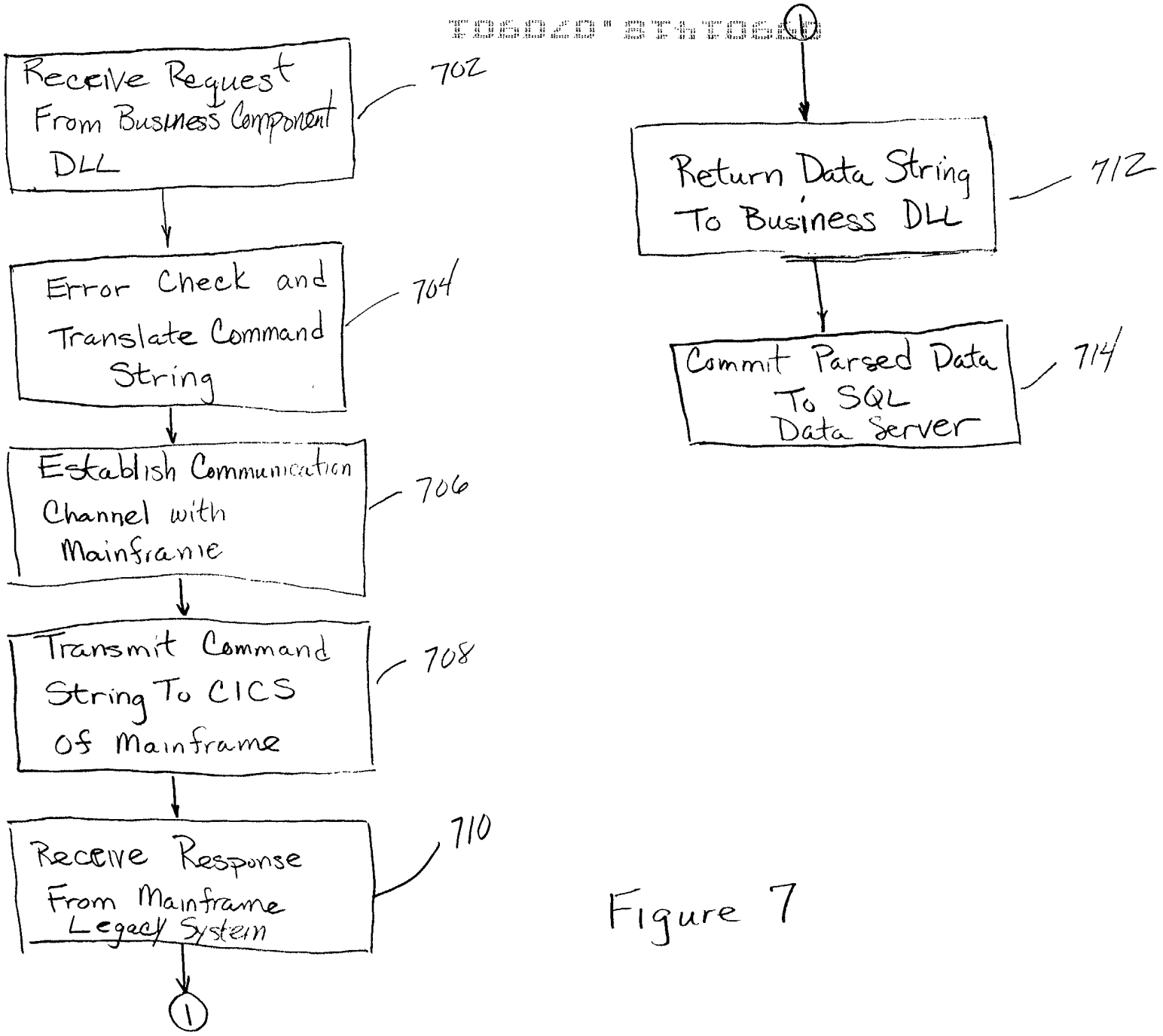
Receive Request From Business Component DLL
702
Error Check and Translate Command String
704
Establish Communication Channel with Mainframe
706
Transmit Command String To CICS of Mainframe
708
Receive Response From Mainframe Legacy System
710
1
1
Return Data String To Business DLL
712
Commit Parsed Data To SQL Data Server
714

Figure 7

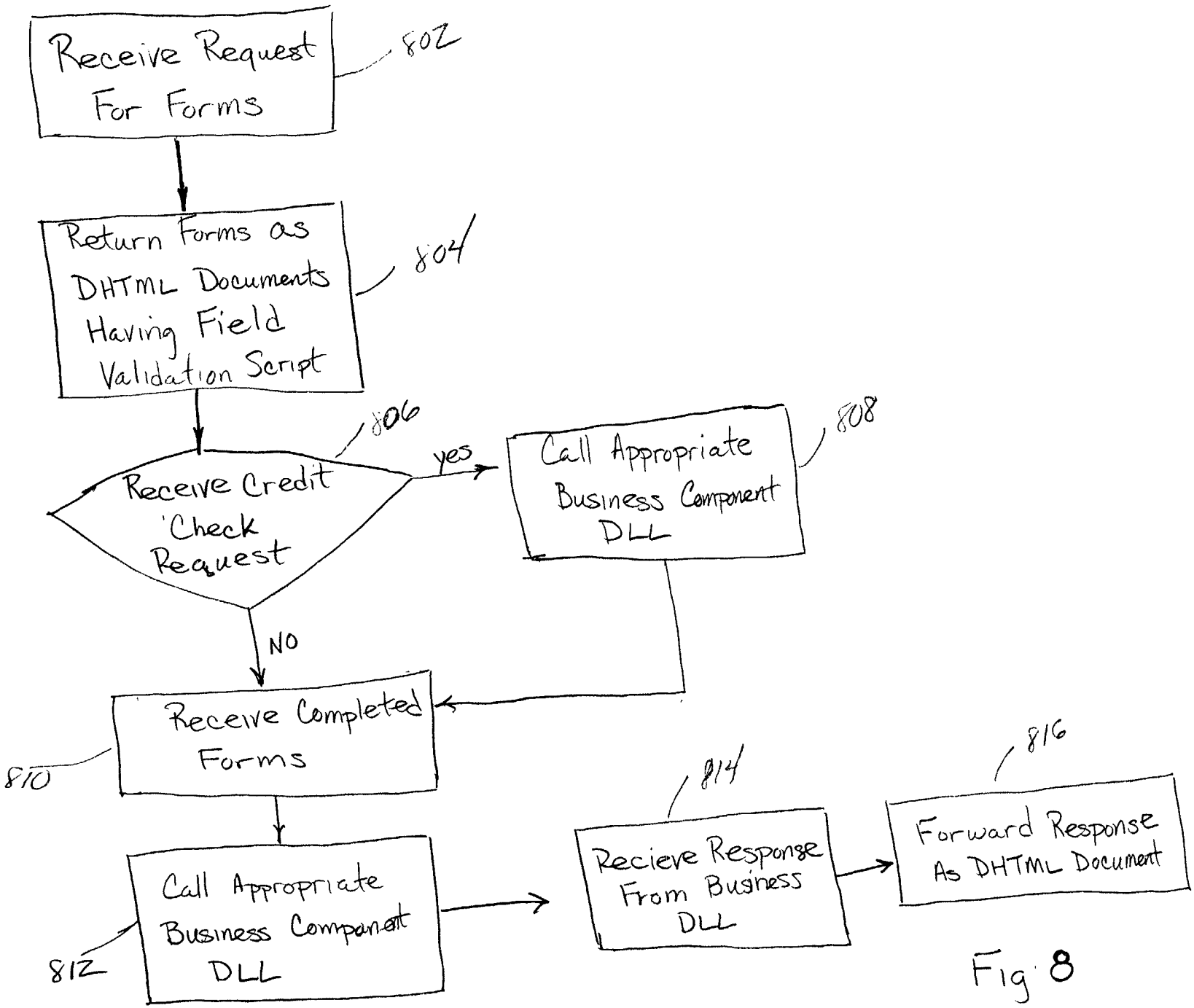
Receive Request For Forms
802
Return Forms as DHTML Documents Having Field Validation Script
804
Receive Credit Check Request
806
yes
Call Appropriate Business Component DLL
808
NO
Receive Completed Forms
810
Call Appropriate Business Component DLL
812
Recieve Response From Business DLL
814
Forward Response As DHTML Document
816

Fig 8

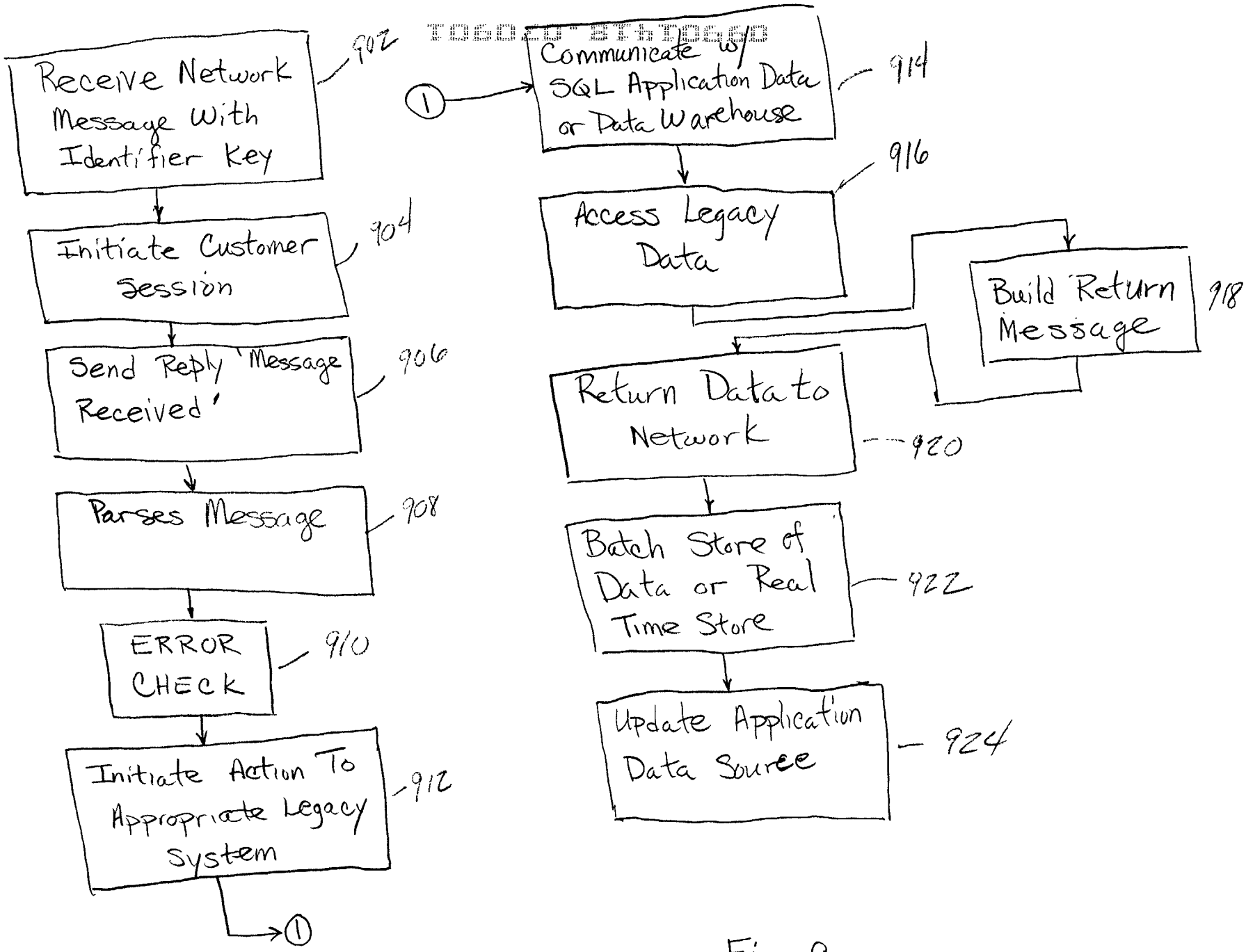
Receive Network Message With Identifier Key
902
Initiate Customer Session
904
Send Reply 'Message Received'
906
Parses Message
908
ERROR CHECK
910
Initiate Action To Appropriate Legacy System
912
1
Communicate w/ SQL Application Data or Data Warehouse
914
Access Legacy Data
916
Build Return Message
918
Return Data to Network
920
Batch Store of Data or Real Time Store
922
Update Application Data Source
924

Fig 9